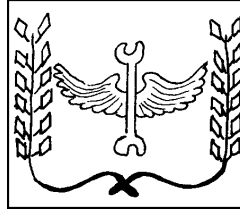


AIR MECHANIC
INTEREST BADGE


- | | Date Passed | Signed |
|--|-------------|-----------------|
| 1. Understand the basic principles of an aircraft piston engine and know the names and functions of the principal parts. | _____ | <u>1</u> _____ |
| 2. Demonstrate pre-flight check and a knowledge of aircraft documents. | _____ | <u>2</u> _____ |
| 3. Have passed the Airmanship Scoutcraft Badge, or complete part 5 of its requirements. | _____ | <u>3</u> _____ |
| 4. Explain the principles of flight and of airframe construction. | _____ | <u>4</u> _____ |
| 5. Explain the basic principles of an aircraft jet engine and know the names and functions of the principal parts. | _____ | <u>5</u> _____ |
| 6. Build a non-flying model aircraft with working control surfaces operated by a control column. Demonstrate its use. | _____ | <u>6</u> _____ |
| 7. Have a general knowledge of elementary hydraulics and electrics as applied to aircraft, concerning | | |
| a) Airscrews (and their types) | _____ | <u>7a</u> _____ |
| b) Aircraft brakes (including air brakes). | _____ | <u>7b</u> _____ |